

80 PLUS Verification and Testing Report

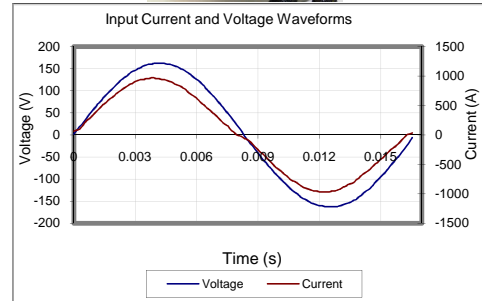
TYPICAL EFFICIENCY (50% Load):	89.52%
AVERAGE EFFICIENCY :	87.81%
80 PLUS COMPLIANT:	YES



Ecos ID #	2369
Manufacturer	THERMALTAKE TECHNOLOGY CO., LTD.
Model Number	TP-1350M TP-1350AH3CCS
Serial Number	1010000156
Year	2010
Type	ATX12V, EPS12V
Test Date	12/21/2010

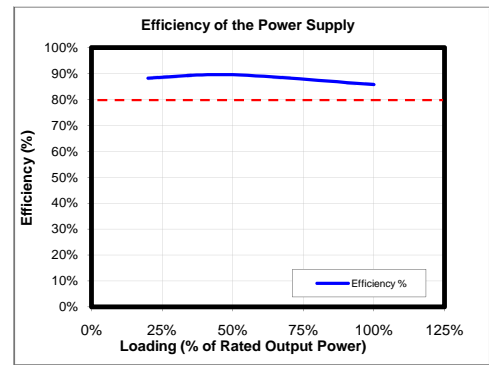
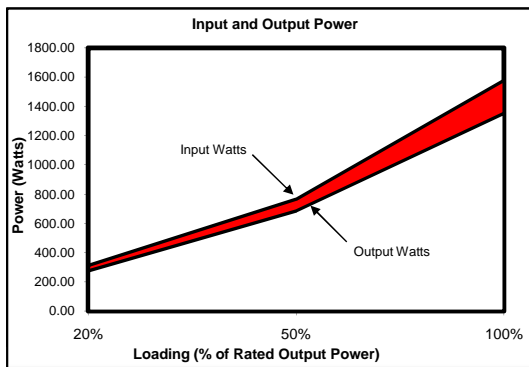
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1350	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 6.45%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
2.77	0.99	10.04%	20%	Light	313.40	12.2/19.9	12.3/0.1	3.3/3.4	5.1/3.4	5.1/0.6	276.37	88.18%
6.70	0.99	6.45%	50%	Typical	766.30	12.2/49.6	12.2/0.3	3.3/8.4	5.1/8.4	5.1/1.4	685.99	89.52%
13.78	1.00	3.74%	100%	Full	1580.90	12/99.1	12.3/0.7	3.3/16.7	5/16.8	5/2.9	1355.00	85.71%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

